RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/189,702 B

Source: TFW016

Date Processed by STIC: 7-6-05

ENTERED

IFW16

RAW SEQUENCE LISTING   DATE: 07/06/2005
PATENT APPLICATION: US/09/189,702B   TIME: 12:40:44

Input Set : D:\Sequence Listing.txt
Output Set: N:\CRF4\07062005\I189702B.raw

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 3 <110> APPLICANT: Sette, Alessandro
 4        Sidney, John
 5        Celis, Esteban
 6        Southwood, Scott
 7        Epimmune, Inc.
 9 <120> TITLE OF INVENTION: HLA Binding Peptides and Their Uses
11 <130> FILE REFERENCE: 2060.0370001
13 <140> CURRENT APPLICATION NUMBER: US 09/189,702B
14 <141> CURRENT FILING DATE: 1998-11-10
16 <150> PRIOR APPLICATION NUMBER: US 09/098,584
17 <151> PRIOR FILING DATE: 1998-06-17
19 <160> NUMBER OF SEQ ID NOS: 380
20 <170> SOFTWARE: FastSEQ for Windows Version 3.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 9
24 <212> TYPE: PRT
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Flu.24 peptide 17.0317
30 <400> SEQUENCE: 1
31  Leu Gln Ile Gly Asn Ile Ile Ser Ile
32   1               5
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 9
36 <212> TYPE: PRT
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: CEA.432 peptide 38.0103
42 <400> SEQUENCE: 2
43  Asn Leu Ser Leu Ser Cys His Ala Ala
44   1               5
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 9
48 <212> TYPE: PRT
49 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: CEA.605V9 peptide 1233.11
54 <400> SEQUENCE: 3
55  Tyr Leu Ser Gly Ala Asn Leu Asn Val
56   1               5
57 <210> SEQ ID NO: 4
58 <211> LENGTH: 9
59 <212> TYPE: PRT
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60 <213> ORGANISM: Artificial Sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: p53.149M2 peptide 1295.03
65 <400> SEQUENCE: 4
66   Ser Met Pro Pro Pro Gly Thr Arg Val
67   1               5
69 <210> SEQ ID NO: 5
70 <211> LENGTH: 9
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: p53.149L2 peptide 1295.04
77 <400> SEQUENCE: 5
78   Ser Leu Pro Pro Pro Gly Thr Arg Val
79   1               5
81 <210> SEQ ID NO: 6
82 <211> LENGTH: 9
83 <212> TYPE: PRT
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: p53.139 peptide 1317.24
89 <400> SEQUENCE: 6
90   Lys Thr Cys Pro Val Gln Leu Trp Val
91   1               5
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 9
95 <212> TYPE: PRT
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: p53.24V9 peptide 1323.02
101 <400> SEQUENCE: 7
102   Lys Leu Leu Pro Glu Asn Asn Val Val
103   1                 5
105 <210> SEQ ID NO: 8
106 <211> LENGTH: 9
107 <212> TYPE: PRT
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: p53.129B7V9 peptide 1323.04
113 <400> SEQUENCE: 8
114   Ala Leu Asn Lys Met Phe Asx Gln Val
115   1                 5
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120 <212> TYPE: PRT
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123 <220> FEATURE:
124 <223> OTHER INFORMATION: p53.139L2B3 peptide 1323.06
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127  Lys Leu Asx Pro Val Gln Leu Trp Val
128   1               5
130 <210> SEQ ID NO: 10
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132 <212> TYPE: PRT
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: p53.229B1L2V9 peptide 1323.08
138 <400> SEQUENCE: 10
139  Asx Leu Thr Ile His Tyr Asn Tyr Val
140   1               5
142 <210> SEQ ID NO: 11
143 <211> LENGTH: 10
144 <212> TYPE: PRT
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: p53.188L2 peptide 1323.18
150 <400> SEQUENCE: 11
151  Leu Leu Pro Pro Gln His Leu Ile Arg Val
152   1               5                  10
154 <210> SEQ ID NO: 12
155 <211> LENGTH: 11
156 <212> TYPE: PRT
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: p53.236 peptide 1323.29
162 <400> SEQUENCE: 12
163  Tyr Met Cys Asn Ser Ser Cys Met Gly Gly Met
164   1               5                  10
166 <210> SEQ ID NO: 13
167 <211> LENGTH: 11
168 <212> TYPE: PRT
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: p53.236L2V11 peptide 1323.31
174 <400> SEQUENCE: 13
175  Tyr Leu Cys Asn Ser Ser Cys Met Gly Gly Val
176   1               5                  10
178 <210> SEQ ID NO: 14
179 <211> LENGTH: 11
180 <212> TYPE: PRT
181 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: p53.101L2V11 peptide 1323.34
186 <400> SEQUENCE: 14
187  Lys Leu Tyr Gln Gly Ser Tyr Gly Phe Arg Val
188   1               5                  10
190 <210> SEQ ID NO: 15
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196 <223> OTHER INFORMATION: p53.135 peptide 1324.07
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203 <211> LENGTH: 9
204 <212> TYPE: PRT
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: p53.65L2 peptide 1325.01
210 <400> SEQUENCE: 16
211  Arg Leu Pro Glu Ala Ala Pro Pro Val
212   1               5
214 <210> SEQ ID NO: 17
215 <211> LENGTH: 9
216 <212> TYPE: PRT
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: p53.187V9 peptide 1325.02
222 <400> SEQUENCE: 17
223  Gly Leu Ala Pro Pro Gln His Leu Val
224   1               5
226 <210> SEQ ID NO: 18
227 <211> LENGTH: 9
228 <212> TYPE: PRT
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: MAGE3.112M2 peptide 1325.04
234 <400> SEQUENCE: 18
235  Lys Met Ala Glu Leu Val His Phe Leu
236   1               5
238 <210> SEQ ID NO: 19
239 <211> LENGTH: 9
240 <212> TYPE: PRT
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: MAGE3.112L2 peptide 1325.05
246 <400> SEQUENCE: 19
247  Lys Leu Ala Glu Leu Val His Phe Leu
248   1               5
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251 <211> LENGTH: 9
252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: p53.135L2 peptide 1326.01
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/189,702B

DATE: 07/06/2005
TIME: 12:40:44

Input Set : D:\Sequence Listing.txt
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259  Cys Leu Leu Ala Lys Thr Cys Pro Val
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263 <211> LENGTH: 9
264 <212> TYPE: PRT
265 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:
268 <223> OTHER INFORMATION: p53.164L2 peptide 1326.02
270 <400> SEQUENCE: 21
271  Lys Leu Ser Gln His Met Thr Glu Val
272   1               5
274 <210> SEQ ID NO: 22
275 <211> LENGTH: 9
276 <212> TYPE: PRT
277 <213> ORGANISM: Artificial Sequence
279 <220> FEATURE:
280 <223> OTHER INFORMATION: p53.68L2V9 peptide 1326.04
282 <400> SEQUENCE: 22
283  Glu Leu Ala Pro Val Val Ala Pro Val
284   1               5
286 <210> SEQ ID NO: 23
287 <211> LENGTH: 10
288 <212> TYPE: PRT
289 <213> ORGANISM: Artificial Sequence
291 <220> FEATURE:
292 <223> OTHER INFORMATION: p53.136 peptide 1326.06
294 <400> SEQUENCE: 23
295  Gln Leu Ala Lys Thr Cys Pro Val Gln Val
296   1               5                   10
298 <210> SEQ ID NO: 24
299 <211> LENGTH: 9
300 <212> TYPE: PRT
301 <213> ORGANISM: Artificial Sequence
303 <220> FEATURE:
304 <223> OTHER INFORMATION: p53.168L2 peptide 1326.08
306 <400> SEQUENCE: 24
307  His Leu Thr Glu Val Val Arg Arg Val
308   1               5
310 <210> SEQ ID NO: 25
311 <211> LENGTH: 11
312 <212> TYPE: PRT
313 <213> ORGANISM: Artificial Sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: peptide 1329.01
318 <400> SEQUENCE: 25
319  Lys Thr Tyr Gln Gly Ser Tyr Gly Phe Arg Leu
320   1               5                   10
322 <210> SEQ ID NO: 26
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 07/06/2005
PATENT APPLICATION: US/09/189,702B   TIME: 12:40:45

Input Set : D:\Sequence Listing.txt
Output Set: N:\CRF4\07062005\I189702B.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:194; Xaa Pos. 2
Seq#:195; Xaa Pos. 6
Seq#:196; Xaa Pos. 2
Seq#:197; Xaa Pos. 8
Seq#:218; Xaa Pos. 1,2,3,5,6,8
Seq#:378; Xaa Pos. 1,2,3,4,5,6,8
Seq#:379; Xaa Pos. 1,2,3,4,5,6,7
Seq#:380; Xaa Pos. 1,3,4,5,7,8,9,10

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L:2353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194 after pos.:0
L:2371 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:195 after pos.:0
L:2389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:196 after pos.:0
L:2407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197 after pos.:0
L:2666 M:283 W: Missing Blank Line separator, <220> field identifier
L:2672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:218 after pos.:0
L:4599 M:283 W: Missing Blank Line separator, <220> field identifier
L:4605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:378 after pos.:0
L:4624 M:283 W: Missing Blank Line separator, <220> field identifier
L:4630 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:379 after pos.:0
L:4648 M:283 W: Missing Blank Line separator, <220> field identifier
L:4655 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:380 after pos.:0
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